

Hands on Science – Spring 2019 Syllabus

We will continue our study of Earth Science.

February 1, 2019 - (**Oceanography**) – **Salt Water and Waves** – We will discuss the difference between salt water and fresh water with an experiment to demonstrate the density of salt water. We'll do another experiment to demonstrate how waves polish rocks and break them down and turn them into sand.

February 15, 2019 - (**Oceanography**) – **Oil Spills and Water Pollution** – We will create our own oil spill and learn how to clean it up. We'll discuss the dangers of water pollution and how difficult it is to clean up.

March 1, 2019 - (**Oceanography**) - **Ocean Floor** – We will discuss the different ocean layers.

March 15, 2019 - (**Meteorology**) – **Tornadoes and Hurricanes** – We'll talk about how tornadoes and hurricanes are formed and make models of each. We'll also discuss how to stay safe during a tornado.

April 12, 2019 - (**Meteorology**) – **Clouds and the Water Cycle** – We will be making models of the clouds and learning about the water cycle.

April 26, 2019 - (**Meteorology**) – **Wind and Atmospheric Pressure** – We will have a fun demonstration of atmospheric pressure and discuss how it can affect the weather. We will also build anemometers and take them outside to test out.

May 3, 2019 - **Technology Day** – We will build “parachutes” for eggs out of different materials and drop them to see if the eggs survive.

Hands on Science Team